



PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

February 19, 2002

(Use several sheets if necessary)

ATTORNEY DOCKET NO.

301506.3001-100

APPLICATION NO.

09/990,880

APPLICANT

Andrew Karellas

FILING DATE

11/21/01

GROUP

2882

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CT	AA	2,198,479	04/23/40	I. Langmuir	250	214 VT	
	AB	4,298,800	11/03/81	Goldman	378	19	
	AC	4,709,382	11/24/87	Sones	378	62	
	AD	4,792,900	12/20/88	Sones et al.	600	407	
	AE	5,027,380	06/25/91	Nishiki	378	4	
	AF	5,166,524	11/24/92	Lee et al.	250	580	
	AG	5,168,160	12/01/92	Jeromin et al.	250	580	
	AH	5,293,574	03/08/94	Roehm et al.	378	98.2	
	AI	5,300,784	04/05/94	Fender et al.	250	484.2	
	AJ	5,309,496	05/03/94	Winsor	378	98.2	
	AK	5,313,066	05/17/94	Lee et al.	250	370.09	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES	NO
CT	AL	WO 97/42877	20 Nov. 1997	PCT				
	AM	EP 0866501 A1	23 Sep. 1998	Europe				
	AN	JP 8107521	23 Apr. 1996	Japan (Abstract)				
	AO	JP 11259647	24 Sep. 1999	Japan (Abstract)			Abstract	
	AP	NL 9102063	10 Dec. 1991	Netherlands			Abstract	
	AQ						Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CT	AR	Burke, et. al. "An Abutable CCD Imager for Visible and X-Ray Focal Plane Arrays." <i>IEEE Electron Devices</i> , vol. 38, no. 5 pp. 1069-1076, May 1991.
	AS	W.J. Van der Putten and S. Bouley, "Performance Evaluation of Image Intensifier-TV Fluoroscopy Systems," <i>Proc. SPIE</i> vol. 2432, pp. 376-383, Medical Imaging 1995: Physics of Medical Imaging, R.L. Van Metter and J. Beutel; Editors (1995).
		Vedantham, S., et. al. "Feasibility of Cardiac Fluoroscopy with Large-area Charge-Coupled Devices." <i>Medical Physics</i> , vol. 28, no. 8, August 2001

EXAMINER

DATE CONSIDERED

04.11.03



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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CT	AA3	5,809,105	09/15/98	Roehm et al.	378	98.12	
	AB3	5,827,757	10/27/98	Robinson, Jr. et al.	438	73	
	AC3	5,844,243	12/01/98	Lee et al.	250	370.09	
	AD3	5,864,146	01/26/99	Karellas	250	581	
	AE3	6,031,892	02/29/00	Karellas	378	98.3	
	AF3	6,285,739	09/04/01	Rudin et al.	378	98.8	
	AG3						
	AH3						
	AI3						
	AJ3						
	AK3						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AZ						
	AR2						
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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CT	AA2	5,319,206	06/07/94	Lee et al.	250	370.09	
	AE2	5,331,179	07/19/94	Lee et al.	250	591	
	AE2	5,381,000	01/10/95	McKee, Jr.	250	214 VT	
	AD2	5,381,014	01/10/95	Jeromin et al.	250	370.09	
	AE2	5,498,880	02/07/95	Fujiwara	378	108	
	AF2	5,463,668	10/31/95	Kagaya	378	98.2	
	AG2	5,498,880	05/12/96	Lee et al.	250	580	
	AH2	5,563,421	09/08/98	Lee et al.	250	580	
	AI2	5,652,430	07/29/97	Lee	250	370.09	
	AJ2	5,661,309	08/26/97	Jeromin et al.	250	580	
	AK2	5,804,832	09/08/98	Crowell et al	250	580	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
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CT	AU	Herron, John M., et. al. "X-Ray Imaging With Two-Dimensional Charge-Coupled Device (CCD) Arrays." <i>Medical Imaging and Instrumentation</i> , vol. 486, pp. 141-145, 1984					
	AV	H. Blume, et. al. "Image Intensifier and X-ray Exposure Control Systems," Categorical course in Physics, 87-103, Radiological Society of North America (RSNA), (1995), pp. 87-103					
	AW	G. Spekowius, "Simulation of the Imaging Performance of X-ray Image Intensifier/TV Camera Chains." <i>Proc. SPIE 2432</i> , 12-23, Medical Imaging 1995: Physics of Medical Imaging, R.L. Van Metter and J. Beutel; Editors (1995)					
	AX	Coltman, S. "Fluoroscopic Image Brightening by Electronic Means." <i>Radiology</i> 51, 359-367 (1948)					
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